

Listing of the Claims

This listing of the claims will replace all prior versions and listings of the claims in the application:

- 1-28. (canceled)
29. (Currently amended) ~~A pipeline pig provided with a suspension system~~ Apparatus suitable for functioning in a multi-diameter pipeline provided with a suspension system adapted to fit a pig shaft ~~and, said suspension system~~ comprising a plurality of wheels ~~eccentrically mounted on a suspension mounting around a piston which is operable in a direction coplanar with the pig shaft wherein,~~ each wheel ~~is being~~ supported by a radially mounted suspension arm connected, via a pivot pin, to a suspension mounting, the suspension arm also being connected, at a point along its length, to a tie rod, the tie rod being connected to a sliding piston assembly including a piston which is operable in a direction coplanar with the pig shaft, such that the suspension system provides substantially constant wheel loading ~~characterised in that wherein the apparatus comprises a pipeline pig and~~ the suspension arms of the wheel assembly are offset from the axis of the pig shaft so as to enable the pig to rotate as it travels down a pipe.
30. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 ~~characterised in that wherein~~ the suspension arms are offset between 1° and 3° ~~of from~~ the pig shaft axis.
31. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 30 ~~characterised in that wherein~~ the suspension arms are offset by 2° ~~of from~~ the pig shaft axis.
32. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 ~~characterised in that wherein~~ the suspension mounting is slidably connected to ~~the~~ a suspension system housing.

33. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 ~~characterised in that wherein~~ the piston assembly includes is-a spring loaded piston.
34. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 ~~characterised in that the biasing means wherein the piston assembly~~ is internally mounted.
35. (Canceled)
36. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 35 ~~29~~ characterised in that wherein the pig is an inspection pig.
37. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 ~~characterised in that the biasing means wherein the piston assembly~~ is also provided with a disc engaging means.
38. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 provided with at least one sealing disc and at least one guide disc and having a centre line suspension system, which pig has a high dewatering efficiency.
39. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 38 ~~characterised in that wherein~~ the pig has a differential pressure of 0.5 bar or less.
40. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 provided with at least two wheel assemblies.
41. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 40 ~~characterised in that wherein~~ the wheels of one wheel assembly are offset from the plane in which the wheels of a second assembly operate.

42. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 adapted to be a monitoring pig.
43. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 provided with at least one sealing disc and at least one guide disc, and ~~a centre line suspension system, which pig has~~ having a flip pressure of 5 bar or less.
44. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 43 characterised in ~~that~~ wherein the sealing disc is of a collapsible nature enabling the pig to be used in multidimensional pipes.
45. (Currently amended) A method of cleaning a pipeline which comprises passing apparatus ~~a pig~~ according to Claim 29 down the pipeline.
46. (Currently amended) A method of detecting a defect in a pipeline which comprises passing apparatus ~~a pig~~ according to Claim 42 down the pipeline.
47. (Currently amended) ~~A pipeline pig~~ Apparatus according to claim 29 which is adapted to be a cleaning pig and is adapted to be a monitoring pig.
48. (Currently amended) Apparatus according to Claim 29 further comprising a A turnbuckle for use in connection with a pipeline pig according to claim 29.
49. (Currently amended) ~~A pipeline pig~~ Apparatus according to Claim 42 characterised ~~in that~~ wherein the pig is coupled to at least one other pig.